Cheat Sheet

Package/Method	Description	Code example
NLTK	NLTK is a Python library used in natural language processing (NLP) for tasks much as tokenization and text processing. The code example shows how you can tokenize text using the NLTK word-based tokenizer.	import nick. "from filks takeniam import word, takeniam from filks takeniam import was read." I as a unicorm yesterday. I couldn't see it today." text "bullows are read." I as a unicorm yesterday. I couldn't see it today." print (token) [Insert (token)]
яряСу	spacky is an open-source library used in NLP. It provides tools for tasks such as tokenization and word embeddings. The code example shows how you can tokenize text using spacky word-based tokenizer.	<pre>imper temp/ temp = real, 1 am a uniform yetherday, 1 cmidn't ame it today.' the capty_lead("m_core_mc") into capty_lead("m_core_mc") real_ttt_("todawn.' = todawn.text for todawn in doc) point("todawn.' = todawn_ttay)</pre>
BertTokenizer	Berf Oskenizer is a subword-based tokenizer that sues the WordPiece algorithm. The code example shows how you can tokenize text using Berf Folenizer.	from transference import bertialmeizer teknizure = Bertheinizer fregnystrisin([Sert-base-ocissed") teknizure = General (TER taught en teknizistion) teknizure = General (TER taught en teknizistion)
XLNetTokenizer	XI.NetTokenizer tokenizes text using Usigmm and SentencePiece algorithms. The code example shows how you can tokenize text using XI.NetTokenizer.	from transferance import RNMstSminer the transferance import RNMstSminer ("later-ham cases") tokenizer tokenize("220 taget on tokenizelien-") tokenizer tokenize("220 taget on tokenizelien-")
noncharat	The terefixext library is part of the Py Torch ecosystem and provides the tools and functionalities required for NLP. The code example shows how you can use torchtext to generate tokens and convert them to indices.	from turchitest. vocals import build_vocals_from_threature for lefters = detainst for the control of the contro
voub	The vocals object is part of the PyTorch borchiect library. It mays tokens to indices. The code example shows how you can apply the vocals object to tokens directly.	# Takes an iterator as input and extracts the most tokenized sentence, #Courts a list of index indicates into the wood distinsory for each balan. #Courts a list of index index into the court of the co
Special tokens in PyTorch: <esc<sup>3 and -Steat</esc<sup>	Special bidens are tokens introduced to input sequences to convey specific information or serve a particular purpose during training. The code example shows the use of 'cloos' and 'coss-' during tokenization. The 'cloos' token denotes the beginning of the input sequence, and the 'coss-' token denotes the end.	# Appoint class at the beginning and cass at the end of the tokenized sentences takenize_are = prt_interizer(*quay', imprope'*e_core_yeet_ac') takens = [] (## Toke is lines: (## Toke i

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Special tokens in PyTorch: <pad></pad>	The code example shows the use of <pre>cpud> token to ensure all sentences have the same length.</pre>	# Pais the charing lines for it = meglin(taken); takens[i] * takens[i] * [*qado*] * (max_length - len(takens[i]))
Dittact class in PyTorch	The Dataset class enables accessing and retricing individual samples from a data set. The code example shows how you can create a custom data set and access samples.	F impure to mediated (limit and defines a list of membranes from trans (limit and maps Canacae) from trans (limit and maps Canacae) statement = ['I'' pers use to be book and a man's limit, take a from a finish from larger;' from a finish from larger;' from a finish from larger;' from a finish (limit and limit) and [_minit _[(limit and man)] and [_minit _[(limit and man)
DataLonder class in PyTorch	A DataLoader class enables efficient hooding and iteration over data sets for training deep learning models. The code example shows how you can use the DataLoader class to generate basches of sentences for further processing, such as training a neural network model	Foreign a inverse physics Foreign are inverse or the content data set Foreign are inverse or the content data set from tenth-alth-data input bencambe Foreign are inverse or the content data set from tenth-alth-data input bencambe Foreign are inverse or the content data set Foreign are inverse or the content data set Foreign are inverse or the content data set Foreign are inverse or the content of th
Custom collate function in PyTorch	The contours collate function is a user-defined function that defines how individual samples are collated or backed together. You can stillier the collate function for tasks such as tokenization, converting tokenized indices, and transforming the result into a tensor. The code example shows how you can use a custom collate function in a data looder.	# Define a content callate fonction of callate, fonction * Tominist and smalls in the batch for unpile in botts. # Tominist and smalls in the batch for unpile in botts. # Mages takens to manders using the words # Mages takens to manders using the words # Pages takens to manders using the botts. # Pages takens to manders using the botts have equal lengths # Pages takens to manders using the botts have been all lengths # Pages takens to manders within the batch to have equal lengths # Pages takens to manders using the batch to have equal lengths # Pages takens to be a length of the batch to have equal lengths # Pages takens to be a length of the batch to have equal lengths # Pages takens to be a length of the batch of the batc



